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इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके
[Separate paging is given to this Part in order that it may be filed as a separate compilation]

भाग III—खण्ड 2 [PART III—SECTION 2]

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएँ और नोटिस
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Calcutta, the 7th December 1996

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Calcutta-700 020.

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कलकत्ता, दिनांक 7 दिसम्बर 1996

पेटेंट कार्यालय के कार्यालयों के पते एवं क्षेत्राधिकार

पेटेंट कार्यालय का प्रधान कार्यालय कलकत्ते में अवस्थित है तथा बम्बई, दिल्ली एवं मद्रास में इसके शाखा कार्यालय हैं, जिनके प्रादेशिक क्षेत्राधिकार ज्ञान के आधार पर निम्न रूप में प्रदर्शित हैं।

पेटेंट कार्यालय शाखा, टोली इस्टेट

तीसरा तल, लॉअर परेल (पश्चिम),

बम्बई-400013।

गुजरात, महाराष्ट्र तथा मध्य प्रदेश तथा गोवा राज्य क्षेत्र एवं संघ शासित क्षेत्र वमन तथा दीव एवं दादरा और नगर हवेली।

तार पता-"पेटेंटोफिस"

पेटेंट कार्यालय शाखा,

एकक सं. 401 से 405, तीसरा तल,

नगरपालिका बाजार भवन,

सरस्वती मार्ग, धराल बाग,

नई दिल्ली-110005।

हरियाणा, हिमाचल प्रदेश, जम्मू तथा कश्मीर, पंजाब, राजस्थान, उत्तर प्रदेश तथा दिल्ली राज्य क्षेत्रों एवं संघ शासित क्षेत्र बण्डीगढ़।

तार पता-"पेटेंटोफिस"

पेटेंट कार्यालय शाखा,

61, बालाजाह रोड,

मद्रास-600002।

आन्ध्र प्रदेश, कर्नाटक, कोरल, तमिलनाडु तथा पाण्डिचेरी राज्य क्षेत्र एवं संघ शासित क्षेत्र लक्षद्वीप, मिनिकाय तथा एमिनिदिवि द्वीप।

तार पता-"पेटेंटोफिस"

पेटेंट कार्यालय (प्रधान कार्यालय),

निजाम पैलेस, द्वितीय ब्रह्मलीय कार्यालय,

भवन. 5, 6 तथा 7वां तल,

234/4, आचार्य जगदीश बोस मार्ग,

कलकत्ता-700020।

भारत का अग्रशेष क्षेत्र।

तार पता-"पेटेंटूम"

पेटेंट अधिनियम, 1970 या पेटेंट नियम, 1972 में अपेक्षित सभी आवेदन-पत्र, सूचनाएं, शिवरण या अन्य प्रलेख पेटेंट कार्यालय के केवल उपयुक्त कार्यालय में ही प्राप्त किये जायेंगे।

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APPLICATION FOR PATENT FILED AT THE HEAD OFFICE 234/4, ACHARYA JAGADISH BOSE ROAD, CALCUTTA-20

The dates shown in the crecent bracket are the dated claimed under section 135, of the patent Act, 1970.

02-09-96

1558/Cal/96. Siemens Aktiengesellschaft. "Side channel compressor" (Convention No. 19533922.3 on 14-09-95 in Germany)

1559/Cal/96. Siemens Aktiengesellschaft. "Compressor set". (Convention No. 19534294.1 on 15-09-95 in Germany)

1560/Cal/96. Metallgesellschaft Aktiengesellschaft. "Process of desulfurizing a gas containing H₂S and SO₂ by forming elementary sulfur." (Convention No. 19622536.1 on 05-06-96 in Germany)

1561/Cal/96. W. Schlafhorst Ag & Co.. "Device for holding and changing of hobbin cases at a centrifugal pot spinning machine" (Convention No. P19538411.3 on 16-10-95 & 19628402.3 on 15-07-96 in Germany)

1562/Cal/96. Schweitzer Engineering Laboratories, Inc. "Hybrid circuit using miller effect for protection of electrical contacts from arcing."

1563/Cal/96. Eli Lilly and Company "Alternate crystal form of tazofelone" (Convention No. 60/003,356 on 07-09-95 in U.S.A.)

1564/Cal/96. Pedex & Co. Gmbh. "Bristles with surface structure, method for their manufacture and interdenal cleaner or brush manufactured therefrom". (Convention No. 19534368.9 on 15-09-95 in Germany)

1565/Cal/96. Molex Incorporated. "Electrical connector with embedded terminals" (Convention No. 10434/1995 on 7-9-95 in Japan)

1566/Cal/96. Molex Incorporated. "Anti-Wacking Board to Board Connector" (Convention No. 10722/1995 on 14-9-95 in Japan)

1567/Cal/96. Takeda Chemical Industries, Ltd. "Process for producing isothiocyanate derivatives". (Convention No. 07-233769 on 12-09-95 in Japan)

03-09-1996

1568/Cal/96. Swapan Kumar Sett. "A self opening, adjustable, over-end draw type, hank unwinding device"

1569/Cal/96. Philips Electronics N. V.. "Electric incandescent lamp"

1570/Cal/96. Amalesh Sirkar. "Improved gas absorption columns"

1571/Cal/96. Amalesh Sirkar. "Improvements in or relating to finned heat exchangers".

1572/Cal/96. The Babcock & Wilcox Company. "Multi-Director after-air ports for stages combustion systems" (Convention No. 08/526,617 on 11/09/95 in U.S.A.)

1573/Cal/96. Inter Wave Communications International Ltd., "Cellular adjunct to a public wired network" (Convention No. 60/006,454 on 13-11-95 in U.S.A.)

1574/Cal/96. Inter Wave Communications International Ltd., "Hybrid cellular communication apparatus and method" (Convention No. 60/006,589 on 10-11-95 in U.S.A.)

1575/Cal/96. Inter Wave Communications International Ltd., "Configuration-Independent methods and apparatus for software communication in a cellular network" (Convention No. 60/006,455 on 10-11-95 in U.S.A.)

1576/Cal/96. Continental general tire, Inc., "Center split segmented mold for curing pneumatic tires" (Convention No. 08/535,990 on 29-09-95 in U.S.A.)

1577/Cal/96. Siemens Aktiengesellschaft, "Multi-Level conductor bar having insulting strips at the bend points of the conductor elements" (Convention No. 19532812.4 on 5-9-95 in Germany)

1578/Cal/96. Yung-Chi Yang. "Pre-Heating chamber of a gas carburizing furnace".

1579/Cal/96. E. J. Du Pont De Nemours & Company, "Preparing polyster fine filaments". (Divided out of Appln. No. 216/Cal/92 antedated to 1-4-92.)

ALTERATION OF DATE UNDER SECTION—16

177210 antedated to 02nd February, 1990.
(749/Cal/1993)

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स्वीकृत सम्पूर्ण विनिर्देश

एतद्वारा यह सूचना दी जाती है कि सम्बद्ध आवेदनों में से किसी पर पेटेंट अनुदान के विरोध करने के इच्छुक कोई व्यक्ति, इसके निर्गम की तिथि से चार (4) महीने या अगुम ऐसी अवधि जो उक्त 4 महीने की अवधि की समाप्ति के पूर्व पेटेंट नियम, 1972 के तहत विहित प्रपत्र 14 पर आवेदित एक महीने की अवधि से अधिक न हो, के भीतर कभी भी नियन्त्रक, एकल को उपयुक्त कार्यालय में ऐसे विरोध की सूचना विहित प्रपत्र 15 पर दे सकते हैं। विरोध सम्बन्धी लिखित दस्तावेज, उक्त सूचना के साथ प्रथम पेटेंट नियम, 1972 के नियम 36 में यथा विहित इसकी तिथि के एक महीने के भीतर ही फाइल किए जाने चाहिए।

"प्रत्येक विनिर्देश के संदर्भ में नीचे दिए वर्गीकरण, भारतीय वर्गीकरण तथा अन्तर्राष्ट्रीय वर्गीकरण के अनुरूप है।"

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Cl. : 12—D

177201

Int. Cl. : C 21 D 9/04, 1/00.

A METHOD OF PRODUCING MANGANESE STEEL CASTINGS NAMELY RAILWAY TRACK CASTINGS.

Applicant : HINDUSTAN DEVELOPMENT CORPORATION LTD., OF MODY BUILDING, 3RD FLOOR, 27 SIR R. N. MUKHERJEE ROAD, CALCUTTA-700 001.

Inventor : AMAL KUMAR CHAKRABORTY.

Application No. : 464/Cal/1991 filed on 18th June, 1991.

Appropriate office for opposition proceedings (Rule 4, Patent rule 1972) Patent Office, Calcutta.

8 Claims

A method of producing manganese steel castings namely Railway Track Castings having improved hardness in the range of 350—500 BHN comprising :

Subjecting the surface of treatment to cleaning, if required;

laying on the cleaned surface explosive material in a manner such as herein described, said explosive material being of a suitable detonating thickness;

detonating the explosive at a detonation pressure of between 30×10^8 to 270×10^8 pa for a predetermined duration of wave between 1.10^{-7} to 1.10^{-3} seconds to produce said improved manganese steel castings.

(Compln. 18-Pages.

Draws. : 1-Sheet)

Cl. : 172 D 1

177202

Int. Cl. : D 01 G 15/46.

A SPINNING MACHINE WITH TRANSPORT DEVICE FOR SLIVER.

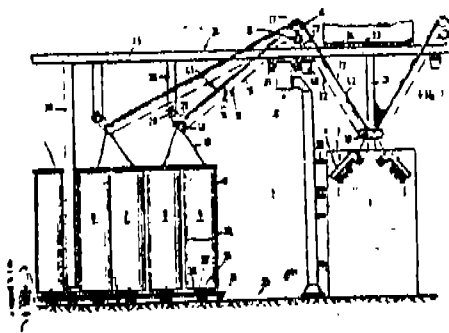
Applicant and Inventor : FRITZ STAHLER AND HANS STAHLER JOSEF-NEIDHART-STRASSE 18 HALDENSTRASSE 20 7347 BAD UBERKINGEN, FRG 7334 SUSSEN, FRG

Application No. : 600/Cal/1991 filed on 9th August, 1991.

Appropriate office for opposition proceedings (Rule 4, Patent rule 1972) Patent Office, Calcutta.

17 Claims

A spinning machine having a plurality of spinning stations arranged in a row next to one another on at least one side of the machine, depositing sites for cans containing sliver to be spun being assigned to the spinning stations while leaving an operating aisle, and having transport devices for transporting the slivers from the cans to the spinning stations, characterized in that the transport devices 11 have two transport sections 12, 13 of which the first transport section 12 starts above the cans 9 and the second transport section 13 ends above the spinning stations 2, and in that the two transport sections 12, 13 bridge the operating aisle 4 in the manner of a roof by means of deflecting guide which forms the highest point of the transport device.



(Compln. : 17-Paes

Drngs. : 5-Sheets).

Cl. 71 F & G [XXVIII(1) 1

177203

Int. Cl. : E 02 B 1/02

HYDRAULIC DRIVE SYSTEM FOR CONSTRUCTION MACHINE.

Applicant : HITACHI CONSTRUCTION MACHINERY CO. LTD., OF JAPAN, OF 6-2, CHTEMACHI 2-CHOME, CHIYODA-KU, TOKYO, JAPAN.

Inventor : (1) TOMOHIKO YASUDA. (2) YUKIO AOYAGI.

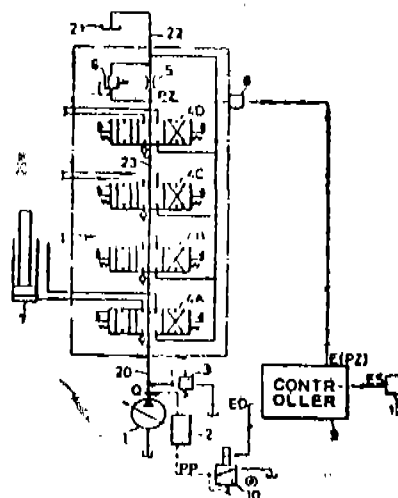
Application No. : 676/Cal/1992 filed on 18th September, 1992.

Appropriate office for opposition proceedings (Rule 4, Patent rule 1972) Patent Office, Calcutta.

5 Claims

A hydraulic drive system for a construction machine comprising a hydraulic pump (1) of variable displacement type, a pump regulator (2) for controlling a delivery rate of said hydraulic pump, a plurality of hydraulic actuators (7) driven by a hydraulic fluid supplied from said hydraulic pump, a plurality of directional control valves (4A—4D) for controlling respective flows of the hydraulic fluid supplied from said hydraulic pump to said plural hydraulic actuators, a low-pressure circuit (22), a center bypass line (23) for connecting in series center bypasses of said plural directional control valves to said low-pressure circuit, a plurality of bleed-off restrictor means (26) disposed in said centre bypass

line and having their openings variable in accordance with the associated directional control valves, respectively, flow restrictive means (5) disposed in said center bypass line for producing a control pressure (pz), and pressure sensor means (8) for detecting said control pressure and outputting a corresponding electric signal (E), wherein a drive signal (ED) of said pump regulator is given dependent upon the electric signal outputted from said pressure sensor means and said pump regulator is driven with said drive signal, characterized in that said hydraulic drive system further comprising :

FIG. 1

Cl. : 56 B (V)

177204

Int. Cl. : C 10 3 11/05, B 10 5 21/08

A PROCESS FOR PREPARING A ZEOLITE CRACKING CATALYST COATED WITH SHELL.

Applicant : ENGELHARD CORPORATION, A CORPORATION OF THE STATE OF DELAWARE, UNITED STATES OF AMERICA, OF 101 WOOD AVENUE, ISELIN, NEW JERSEY 08830-0880.

Inventor : DAVID MATHESON STOCKWELL GERALD STEPHEN KOERMER, WILLIAM MICHAEL JAGLOWSKI.

Application No. 760/Cal/1991 filed on 9th October, 1991.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule 1972), Patent Office, Calcutta.

6 Claims

A process of preparing a zeolite cracking catalyst coated with shell comprising the steps :

Washing the microspheres containing both a zeolite molecular sieve component and a non-zeolitic component as herein described twice with a di-ionized water and added to it 20 parts of silica from sodium di-silicate to 30 parts of ASPP 600 hydrous kaolin clay, all on a volatile free basis to form an aqueous slurry;

adding to said slurry a refractory inorganic binder such as silica having an average particle size of less than 0.01 microns and at least one hydrous refractory metal oxide or silicate or precursors thereof, having a particle size of from 0.3 to 5 microns such as hydrous kaolin clay and spray drying the slurry mixture obtained as above, initially at room temperature follow up heating for 1 hour at 180°F whereupon the silicate binder and hydrous kaolin clay form a shell on the zeolitic microspheres which become the core of such shell which is 10 to 80% by of the final coated catalyst.

Compln. : 36 Pages

Cl. : 123

177205

Int. Cl. : C 05 B 11/00, 11/10, C 05 D 9/00

PROCESS FOR PRODUCING A SLOW-RELEASING COPPER FERTILIZER.

Applicants and Inventors : (1) SANJAY KUMAR RAY 88/3 JHOWTALA ROAD, CALCUTTA-700 017 (2) CHANDRIKA VARADACHARI, 4 A 'RATNABALI', 7 A JUDGES COURT ROAD, CALCUTTA-700 027 (3) KUNAL GHOSH, 'PRANTIK', 40 KUMUD GHOSAL ROAD, CALCUTTA-700 057.

Application No. : 886/Cal/1991 filed on 28th November, 1991.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972), Patent Office, Calcutta.

16 Claims

A process for the manufacture of slow-releasing copper fertilizer, which process comprises (a) heating cupric chloride with water and phosphoric acid, in the proportion 100g CuCl₂ · 2H₂O : 125g P₂O₅, at 150°C, (b) adding water and further heating at 150°C, (c) repeating the process, described in stage (b) till a light greenish-blue solid with virtually no chloride ion, is formed, (d) further heating the product of stage (c) at 250°–350°C, (e) mixing the resultant mass with water, (f) treating with a basic compound such as herein described to raise the PH to 3.7 and (g) finally drying to obtain a dried powder as the desired fertilizer.

(Compln. : 12 Pages:

Drgns. : Nil)

Cl. : 152 (F)

177206

Int. Cl. : C 04 B-18/02, B 09 B-3/00

NOVEL LIGHTWEIGHT BODIES SUCH AS PANELS, BLOCKS, RAILWAY SLEEPERS AND THE LIKE OBJECTS MADE FROM INDUSTRIAL WASTE MATERIALS AND ARTICLES MADE THEREFROM.

Applicant and Inventor : SANTANU ROY, OF 13, NANDA KUMAR CHOWDHURY LANE, CALCUTTA-6.

Application No. : 865/Cal/1991 filed on 20 November, 1991.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972), Patent Office, Calcutta.

10 Claims

Novel lightweight bodies such as panels, blocks, railway sleepers and the like objects of various geometrical shape(s) made from industrial waste materials which bodies are cast or fabricated around a hollow cage or frame used as reinforcement, wherein the hollow space within the said cage or frame is filled with at least one solid, semi-solid, powdery or liquid materials as fillers, and the said cage or frame is provided with means for anchoring the said bodies either vertically or horizontally, as may be required, wherein said industrial waste materials and fillers are such as hereinafter described.

(Compln. : 23 pages

Drgns. : 1 Sheet)

Cl. : 133 A

177207

Int. Cl. : F 02 D 01/08

A PRIME MOVER ROTATIONAL SPEED CONTROL SYSTEM.

Applicant : HITACHI CONSTRUCTION MACHINERY CO. LTD., OF 6-2, OHTEMACHI 2-CHOME, CHIYODA-KU, TOKYO 100 JAPAN.

Inventors : (1) MASAKI EGASHIRA (2) MASAKAZU HAGA (3) OSAMU TOMIKAWA (4) TOSIICHI HIRATA.

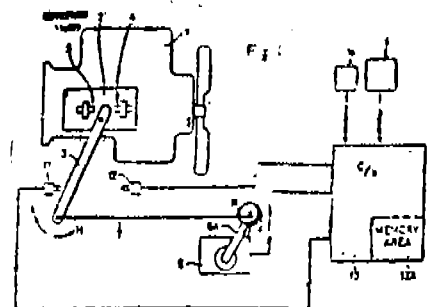
Application No. : 112/Cal/1992 filed on 19th February, 1992.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972), Patent Office, Calcutta.

1 Claim

A prime mover rotational speed control system of the type comprising a prime mover (1), a governor (2) having a governor lever (3) to increase or reduce the rotational speed of said prime mover (1) according to the rotational angle of said governor lever (3), a stepping motor (6) adapted to turn said governor lever (3) according to a control pulse signal, a command means (9) for specifying a target rotational speed (M) of said prime mover (1), and a controller (13, 22, 33) adapted to produce a control pulse signal according to the specified value from said command means (9) for application to said stepping motor (6), characterised in that said rotational speed control system comprises : a pulse counter means (14) for counting control signal pulses to be applied to said stepping motor (6); and

said controller (13, 22, 33) comprising a memory circuit (13A, 22A, 33A) adapted to store a count value (X) from said pulse counter means (14) as a renewable reference value (X₁ or X₂) when the rotational speed of said prime mover (1) being at least one of predetermined minimum and maximum speeds thereof, and an arithmetic operating means (19, 47, 80) such as an arithmetic processor adapted to calculate the current rotational speed of said prime mover (1) on the basis of said reference value (X₁ or X₂) stored in said memory circuit (13A, 22A, 33A) and a count value (X) of the pulse counter means (14) at the current position of said governor lever (3).



(Compln. : 38 Pages

Drgns. : 10 Sheet(s)

Cl. : 160 C [L 11 (3)]

177208

Int. Cl. : B 60 N 1/06

HINGE FITTING FOR MOTOR VEHICLE SEATS.

Applicant : P. A. RENTROP, HUBBERT & WAGNER FAHRZEUGAUSSTATTUNGEN GMBH & CO. KG, OF NORDSEHLER STRASSE 38, D-3060 STADTHAGEN, GERMANY.

Inventor : HANS-HELMUT ERNST.

Application No. : 680/Cal/1992 filed on 21st September, 1992.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972), Patent Office, Calcutta.

12 Claims

Hinge fitting for motor vehicle seats having an adjustable backrest, in which a fixed hinge member, which is associated with the seat, and a swivelling hinge member, which is associated with the backrest, are connected via an eccentric, and both hinge members being provided with sets of toothing, which engage each other and form part of a wobble mechanism, wherein the eccentric may be swivelled about a first

swivelling axis in a first pivot bearing relative to one hinge member and about a second swivelling axis in a second pivot bearing relative to one hinge member and about a second swivelling axis in a second pivot bearing relative to the other hinge member, and both pivot bearings are arranged eccentrically relative to each other where in the pivot bearings are formed by plain bearing bushes which are mounted in the hinge members and/or the eccentric the running surfaces of which bushes observe, in each case, the shortest spacing from the associated axis of the hinge fitting which accommodates the respective plain bearing bush, the plain bearing bushes being plastically compressible for a calibration by means of a calibrating mandrel.

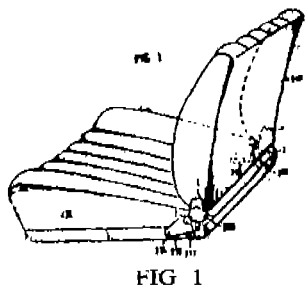


FIG 1

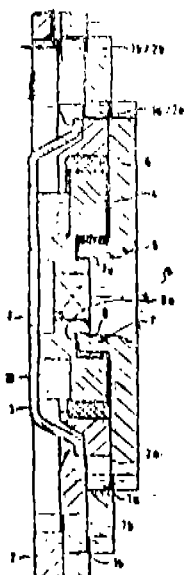


FIG 2

(Compln. : 19 Pages.

Drgns. : 10 Sheets)

Cl. : 23 H [XL (3)]

177209

Int. Cl. : B 65 D 19/10

PALLET CONTAINER.

Applicant : MAUSER-WERKE GMBH, OF SCHILD-GESSTRASSE 71-163, 5040, BRUHL, GERMANY.

Inventor : DR. MARTEN BURGDORF AND DIETMAR PRZYTULLA.

Application No. : 90/Cal/93 filed on 15th February, 1993.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972), Patent Office, Calcutta.

8 Claims

Pallet container (10) comprising a thin-walled plastic container (12) for liquid or flowable substances, including a steel-mesh cage (14) of horizontal and vertical rods tightly enclosing the plastic container (12), thus forming a support cage, and a floor pallet (16) on which the plastic container (12) is seated and to which the steel-mesh support cage is permanently attached.

characterized in that at least one vertical rod (18) of the steel-mesh support cage (14) is extended on each face of the floor pallet (16), the rod passing through a corresponding bore (20) in the floor pallet (16), at least

through the top plate (22), or through the top plate and the bottom plate (24) of the floor pallet (16) and being fitted with a heel on the underside of the top plate (22) and the bottom plate (24) respectively, and being firmly connected to the floor pallet (16) and attached to it.

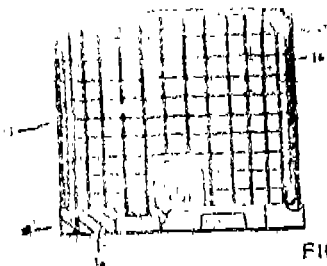


FIG 1

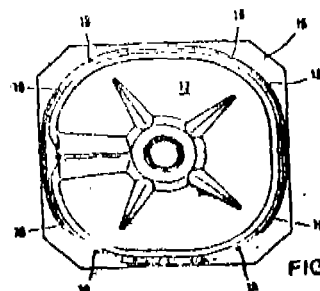


FIG 2

(Compln. : 13 Pages

Drgns. : 4 Sheets)

CE 32 A₁

177210

Int. Cl. : C 09 B 62/463, 62/515

A PROCESS FOR PREPARING A COPPER COMPLEX FORMAZAN COMPOUND.

Applicant : HOECHST AKTIENGESellschaft, OF D, 6230 FRANKFURT AM MAIN 80, FEDERAL REPUBLIC OF GERMANY, CHEMICAL MANUFACTURERS, A CORPORATION ORGANIZED UNDER THE LAWS OF THE FEDERAL REPUBLIC OF GERMANY.

Inventor : (1) GUNTHER SCHWAIGER (2) HARTMUT SPRINGER.

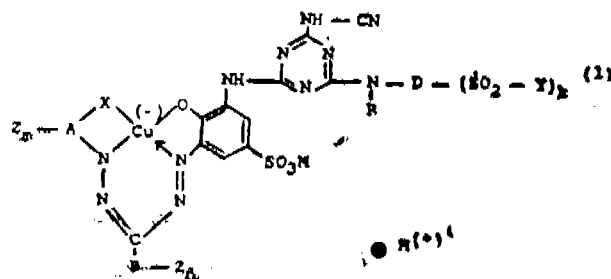
Application No. : 749/Cal/93 filed on 2nd December, 1993.

(Divided out of No. 95/Cal/90 dated 02-02-1990)

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972), Patent Office, Calcutta.

11 Claims

1. A process for preparing a copper complex formazan compound conforming to the general formula (1).



where

A is a benzene or naphthalene ring, which may each be substituted by substituents selected from the group consisting of halogen, nitro, alkyl of 1 to 5 carbon atoms, alkoxy of 1 to 4 carbon atoms, alkylsulfonyl of 1 to 4 carbon atoms such as phenylsulfonyl, sulfamoyl and N-monoalkyl- and N, N-dialkylsulfamoyl each of 1 to 4 carbon atoms in the alkyl;

B is a straight-chain or branched-chain alkylene group of 1 to 8 carbon atoms,

or a straight-chain or branched-chain alkenylene group of 2 to 8 carbon atoms,

which may each be substituted by a phenyl radical which in turn may be substituted by substituents selected from the group consisting of methyl, ethyl, methoxy, ethoxy, fluorine, bromine, chlorine and sulfamoyl, or is alkylene phenylene having 1 to 4 carbon atoms in the alkylene moiety or alkenylene phenylene having 2 to 4 carbon atoms in the alkenylene moiety, in each of which the phenylene may be substituted by substituents selected from the group consisting of methyl, ethyl, methoxy, ethoxy, fluorine, chlorine, bromine and sulfamoyl, or is phenylene or naphthylene.

which may each be substituted by substituents from the group consisting of hydroxy, nitro, halogen, alkyl of 1 to 5 carbon atoms, alkoxy of 1 to 4 carbon atoms and carbalkoxy having 1 to 4 carbon atoms in the alkyl moiety, or is the bivalent radical of furan, thiophene, pyrrole, imidazole, indole, pyrazole, pyridine, pyrimidine, quinoxaline or benzimidazole, or

-B-Zn is together hydrogen;

Z is a water-solubilizing group,

attached as additional substituent on A and B to an aromatic or aliphatic carbon atom of A and B or to an aliphatic carbon atom of a substituent of A;

k is 1 or 2, preferably 1;

m is zero, 1 or 2 (if zero, Z being hydrogen);

n is zero, 1 or 2 (if zero, Z being hydrogen);

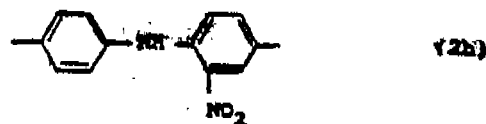
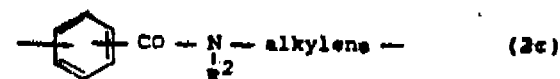
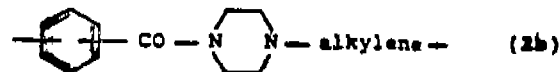
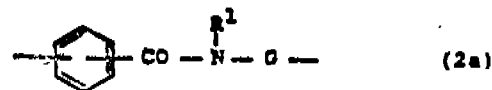
the sum (m+n) is from 1 to 4;

if Z is present two or three times in the molecule, it may have different meanings within the stated meanings;

X is oxygen or carbonyloxy of the formula -Co-O-, the group X and the N-atom being bonded ortho to each other to the aromatic nucleus of A;

R is hydrogen or substituted or unsubstituted alkyl of 1 to 4 carbon atoms;

D is phenylene which may be substituted, naphthylene which may be substituted, or a radical of the general formula (2a), (2b), (2c), (2d), (2f) or 2(h).



in which

R¹ is hydrogen or alkyl of 1 to 4 carbon atoms,

R² is hydrogen or alkyl of 1 to 4 carbon atoms, which may be substituted by a group of the general formula -SO₂-Y, where Y is as defined hereinafter or by carboxy, sulfato, methoxy, ethoxy or chlorine, or is phenyl which may be substituted by 1 or 2 substituents from the group consisting of methyl, methoxy, ethoxy, sulfo, carboxy and chlorine.

G is phenyl which may be substituted by 1 or 2 substituents from the group consisting of chlorine, alkyl of 1 to 4 carbon atoms, alkoxy of 1 to 4 carbon atoms, hydroxy, sulfo and carboxy, arylene is phenylene which may be substituted by 1 or 2 substituents from the group consisting of chlorine, bromine, nitro, alkoxy of 1 to 4 carbon atoms, alkyl of 1 to 4 carbon atoms, carboxy and sulfo, or is naphthylene which may be substituted by 1 or 2 sulfo groups.

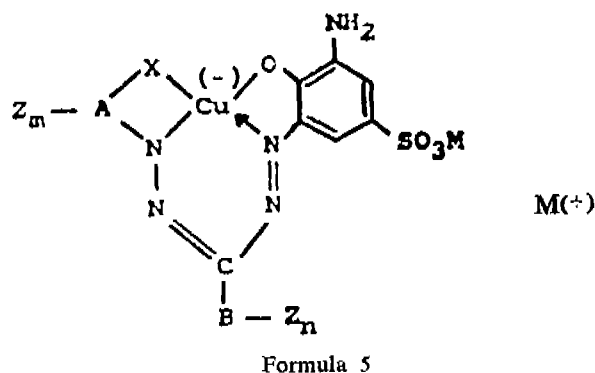
alkylene is alkylene of 1 to 8 carbon atoms or is alkenylene of 2 to 8 carbon atoms, which is interrupted by 1 or more here to groups and/or is substituted by 1 or 2 substituents from the group consisting of hydroxyl, sulfo, carboxy, sulfato, phosphato and alkanoyloxy of 2 to 5 carbon atoms, and

the alkylene and arylene moieties in the radicals of the general formulae (2d) to (2g) may in each case be separated from each other by one of the above mentioned herero groups;

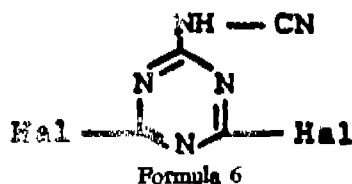
Y is vinyl or an ethyl group which is substituted in the β-position by a substituent which can be eliminated under alkaline conditions; and

M is hydrogen, an alkali metal, or one equivalent of an alkaline earth metal,

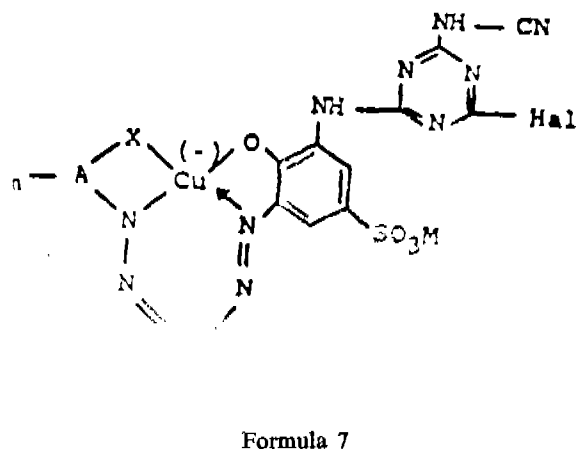
which comprises, reacting in a manner as herein described a compound of the general formula (5),



where Z, m, n, A, B, X and M are each as defined above, with a dihalotriazinylamino compound of the general formula (6).



where Hal is as defined above, and reacting in a manner as herein described the resulting copper formazan compound of the general formula (7)



where Z, m, n, A, B, X, M and Hal are each as defined above, with an amino compound of the general formula (4),



in which R, D, Y, and k are defined as above.

- The process as claimed in claim 1, wherein A is a benzene ring.
- The process is claimed in claim 1 or 2, wherein B is a phenylene radical.
- The process as claimed in at least one of claims 1 to 3, wherein D is a phenylene radical which is unsubstituted or substituted by substituents selected from the group consisting of hydroxy, nitro, chlorine, bromine, fluorine, alkoxy of 1 to 4 carbon

atoms, alkyl of 1 to 4 carbon atoms, sulfo, carboxy β -sulfatoethylthio, alkylamino and dialkylamino each of 1 to 4 carbon atoms in the alkyl radical either or both of the said alkyl groups in alkylamino and dialkylamino being unsubstituted or substituted by hydroxy, sulfo, carboxy, sulfato, phosphato, alkoxy of 1 to 4 carbon atoms, alkoxyalkoxy having 1 to 4 carbon atoms in each alkyl or alkylene radical hydroxyalkoxy having 1 to 4 carbon atoms in the alkylene radical, sulfatoalkoxy having 1 to 4 carbon atoms in the alkylene radical and succinylamido.

- The process as claimed in at least one of claims 1 to 4, wherein Y is vinyl, β -chloroethyl, β -bromoethyl, β -alkanoyloxyethyl having an alkanoyl radical of 2 to 5 carbon atoms, β -benzoyloxyethyl, β -sulfobenzoyloxyethyl, β (p-methylphenylsulfonyloxy) ethyl, β -dialkylaminoethyl having alkyl radicals of 1 to 4 carbon atoms, β -phosphatoethyl, β -thiosulfatoethyl or β -sulfatoethyl.
- The process as claimed in claim 1, wherein the compound of the formula (1) is a compound conforming to the general formula (1a)

Cl. 181

177211

Int. Cl. 4 : F 16 J 15/50

A DEVICE FOR MONITORING A SHAFT SEAL.

Applicant : SIEMENS AKTIENGESellschaft, OF WITTELSBACHELPLATZ 2, D-8000, MÜNCHEN 2, WEST GERMANY, A WEST GERMAN COMPANY.

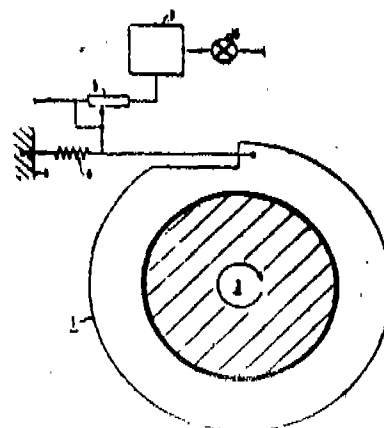
Inventor : ALEXANDER LONGREE.

Application No. 562/Cal/1991; Filed on 29-07-1991.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules 1972), Patent Office, Calcutta.

09 Claims

A device for monitoring a shaft seal located at a duct gap between a housing wall and a shaft, comprising a shaft to be set into rotation relative to a housing wall and a sealing ring as herein described surrounding said shaft, said sealing ring as herein described sealing off said duct gap and being displaceable relative to the housing wall, at least one spring as herein described to be placed under a mechanical strain by a torque exerted upon said sealing ring by the rotation of the shaft, and means as herein described for determining the strain and for indicating if the strain deviates substantially from a predeterminable normal value.



(Compn. 16 Pages.

Drgns : 03 Sheets)

Cl. 172 C1 : 172 C5; 172 C9

177212

Int. Cl. : D 01 G 15/28

A DEVICE IN A CARDING MACHINE, CLEANING MACHINE OR SIMILAR OTHER MACHINE FOR COTTON FIBRES.

Applicant : TRUTZSCHLER GMBH & CO. KG., OF DUVENSTR. 82-92, D-4050 MONCHENGLADBACH 3, GERMANY, A GERMAN COMPANY.

Inventor(s) : (1) FERDINAND LEIFELD (2) KONRAD TEMBURG.

Application No. : 656/CAL/91 Filed on 03-09-1991.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule 1972), Patent Office, Calcutta.

15 Claims.

The device for cleaning the cotton fibre in a carding machine, cleaning machine or similar other machine, where a supporting member is placed in the roller juncture between two rollers operating together, eg. saw tooth roller or pin roller, the supporting member covering a part of the roller periphery of the two rollers, where by the directions of rotation of the two rollers are different and one roller is placed before and the other after, characterised in that a cutting knife is placed on the supporting member (28, 29, 30) for removal of the trash and similar other things. the cutting knife having a separating edge (9, 10, 11) directed against the direction of rotation (A, B, C) of the roller (3, 4, 5) situated before whereby the supporting member (28, 29, 30) partly covers (28a, 29a, 30a) the fibre feeding part of the roller (3, 4, 5) placed in front.

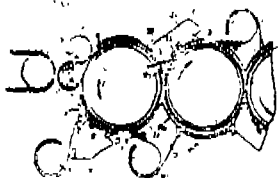
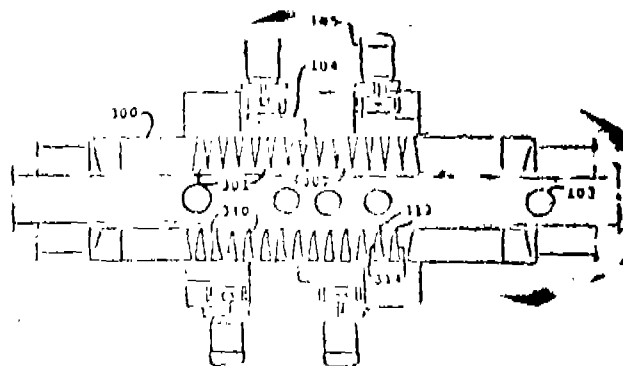


Figure 3

line contacts between the walls of adjacent blowing and suction channels, the blowing and suction channels with line contact facing the glass articles having openings between them through which cooling air or a known liquid cooling medium can pass.



Compln. : 10 Pages.

Drgns. : 02 Sheets.

Cl. 186 E.

177214

Int. Cl. : H 03 J 1/00

FREQUENCY EVALUATION APPARATUS FOR MEASURING THE FREQUENCY OF AN INTERMEDIATE FREQUENCY SIGNAL IN A TELEVISION RECEIVER.

Applicant : THOMSON CONSUMER ELECTRONICS, INC., A CORPORATION DULY ORGANISED UNDER THE LAWS OF THE STATE OF DELAWARE, UNITED STATES OF AMERICA OF 600 NORTH SHERMAN DRIVE, INDIANAPOLIS, INDIANA 46201, UNITED STATES OF AMERICA.

Inventor : JURI (NMN) TULTS.

Application No. : 883/CAL/1991; Filed on 27-11-1991.

Appropriate office for opposition proceedings (Rule 4, Patent Rule 1972) Patent Office, Calcutta.

03 Claims

Frequency evaluation apparatus comprising :

means for tuning a radio frequency (RF) signal having a modulated carrier to produce an intermediate frequency (IF) signal having a modulated carrier corresponding to said modulated carrier of said RF signal and having a nominal frequency value;

means for demodulating said IF signal to produce a response signal;

means for processing said response signal in accordance with function control information;

means for counting cycles of said modulated carrier of said IF signal during a measurement period determined by counting control information to produce count information indicative of the frequency of said information bearing carrier of said IF signal;

a serial data bus such as herein described coupled to said response signal processing means and to said counting means for communicating information in a format comprising a write data interval and a read data interval comprising an initial and a latter portion; and

means operating under software program control for (i) transmitting said function control information to said processing means and said counting control information to said counting means through said serial data bus during said

Cl. 188 XXX III(9)

177213

Int. Cl. : C 23 C 16/18

AN APPARATUS FOR DEPOSITING METAL OXIDE COATING ON GLASS ARTICLES.

Applicant : ATOCHEM NORTH AMERICA, INC., THREE PARKWAY, PHILADELPHIA, PENNSYLVANIA 19102, UNITED STATES OF AMERICA, A CORPORATION OF THE COMMONWEALTH OF PENNSYLVANIA, U.S.A.

Inventor : GEORG HEINRICH LINDNER.

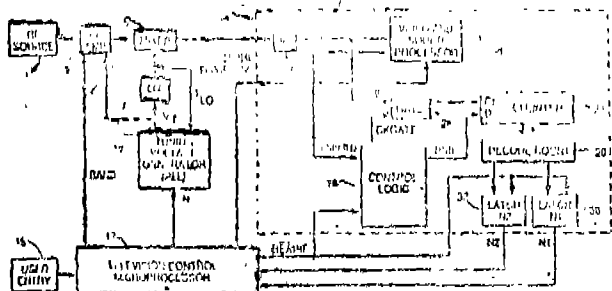
Application No. 765/CAL/1991; Filed on 10-10-1991.

Appropriate office for opposition proceedings (Rule 4, Patent Rule 1972) Patent Office, Calcutta.

04 Claims

An apparatus for depositing metal oxide coating on glass articles such as a coating hood wherein said apparatus comprises at least two side walls and a top part, forming a tunnel through which hot glass articles pass, a circulating carrier gas as herein described in which a coating chemical such as herein described is evaporated, whereby a metal oxide film is formed and deposited on the surface of the glass articles and means for circulating the carrier gas, characterised in that the apparatus comprises a plurality of blowing and suction channels disposed in the active of the hood having at least one air circulating loop in such fashion so that no inner side wall exists inside the tunnel, except for

19 Claims



Drgns. 03 Sheets.

177215

A SHOE SYSTEM.

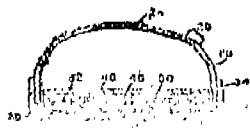
Inventor : ROSEN HENRI ELLIOT.

Application No. 904/Cal/1991; Filed on 05-12-1991.

Appropriate office for opposition proceedings (Rule 4. Patent Rule 1972) Patent Office, Calcutta.

14 Claims

A shoe system comprising at least one shoe having an upper member forming side, fore, and rear portions of a shoe and attached to a bottom member forming a bottom portion of the shoe defining a shoe cavity; a socklining having an opening therein disposed within the shoe cavity and attached to the upper member dividing the shoe cavity into an upper cavity and a lower cavity; and at least one insert for insertion in the shoe cavity in either the upper cavity or the lower cavity.



Drgns. 03 Sheets.

177216

A MOULD FOR CONTINUOUS CASTING OF METALS, PARTICULARLY STEEL.

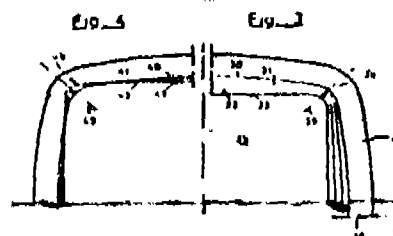
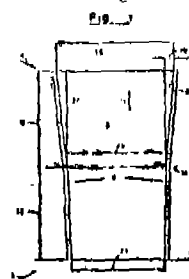
Inventors : (1) FRANCISZEK KAWA (2) ADRIAN
STILLI

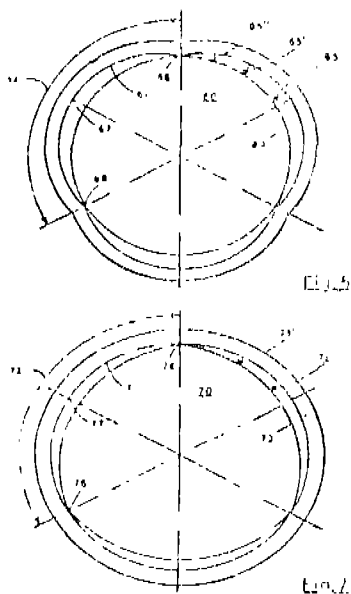
Application No. 071/CAL/1992, Filed on 03-02-1992.

A mould for continuous casting of metals, preferably for steel, comprising casting passage or a cavity (60, 70) open at both ends and formed with at least two peripheral portions (62, 72) at the pouring-in end of the mould along a peripheral line (61, 71) of the mould cross-section, each portion having a cross sectional enlargement of the mould cavity in the form of bulges, relative to the same peripheral portions of the mould cavity cross-section at the billet outlet end of the mould, and the arc heights of the bulges (63, 73) in the directions of advance of the billet decrease in such a manner that during casting, a billet shell forming in the mould cavity (60, 70) changes shape along the peripheral portions while in transit through the mould cavity (60, 70) characterised in that, at the pouring-in end the peripheral oine (61, 71) of an approximately round mould cross section is divided into at least three substantially equal-sized peripheral portions (62, 72) and each of peripheral portion (62, 72) at the pouring in end has the cross sectional enlargement of the mould cavity in the from of a bulge, and the arc heights of the bulges (63, 73) in all peripheral portions decrease in the direction of advance of the billet, at least along part of the length of the mould cavity (60, 70) the conicity of the maximum height of the bulge along a line of advance of the billet can be calculated from the formula :

$$T = \frac{BO - BU}{BU - L} 100$$

Where Bo is the width at the top in mm, Bu is the Width at the bottom in mm, L is the determining length in m and T is the concity (or taper) calculated in %/m.





Compln. 14 Pages.

Drgns. 03 Sheets.

Cl. 108-B-2(a)

177217

Int. Cl. : C 21 B 7/00, 11/00.

PROCESS FOR THE PRODUCTION OF LIQUID IRON FROM FINE-GRAIN IRON OXIDE PARTICLES AND FURNACE FOR CARRYING OUT THE PROCESS.

Applicant : KORTEC AG., OF BAARERSTR. 21, CH-6300 ZUG, SWITZERLAND, A SWISS COMPANY.

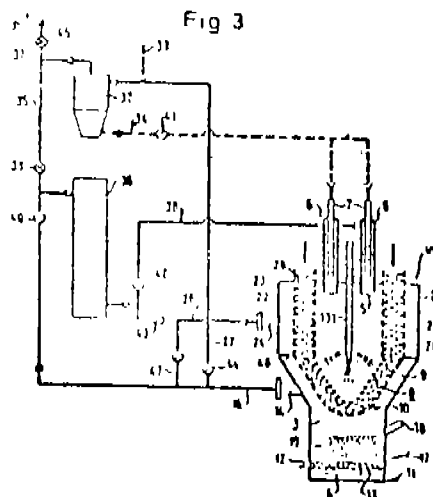
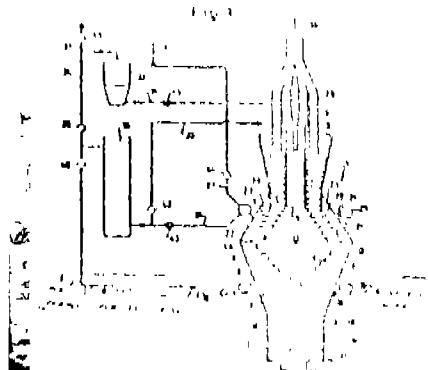
Inventor : RALPH WEBER.

Application No. : 170/CAL/1992, Filed on 13-03-1992.

Appropriate office for opposition proceedings (Rule 4, Patent Rule 1972) Patent Office, Calcutta.

20 Claims

A process for the production of liquid iron, from fine-grain iron oxide particles, wherein the iron oxide particles are blown together with hot reducing gas into a final reducing space of a final reducing stage there subjected to finishing reducing and then melted, characterised in that the gas which is loaded with the particles is passed through a heated bulk material filter layer of lump coal, in particular coke, and/or ceramic pieces a substantial proportion of the particles being retained on and in the filter layer and subjected to finishing reducing by the reducing gas, and that a high-temperature as herein described, flame is produced in front of the filter layer by an oxygen-bearing gas being blow against the filter layer, by means of which flame the metalised particles which are retained on and in the filter layer are melted, pass in the liquid condition through the filter layer into a receiving space for liquid iron and at the same time the filter layer is heated above the liquidus temperature of the metal and cleaned.



Compln. : 21 Pages.

Drgns. : 03 Sheets

Cl. 151 B.

177218

Int. Cl. F 23 J 3/02.

HUB ASSEMBLY FOR SOOTBLOWER.

Applicant : THE BABCOCK & WILCOX COMPANY, 1010 COMMON STREET NEW ORLEANS, LOUISIANA 70160, U.S.A. A CORPORATION ORGANISED UNDER THE LAWS OF THE STATE OF DELAWARE, UNITED STATES OF AMERICA.

Inventors : (1) JAMES HENRY HIPPLE (2) DON WILLIAM SMITH (3) STEVEN PAUL CARPENTER (4) JESSE CARL JOHNSON.

Application No. 244/CAL/1992, Filed on 10-04-1992.

Appropriate office for opposition proceedings (Rule 4, Patent Rule 1972) Patent Office, Calcutta.

09 Claims

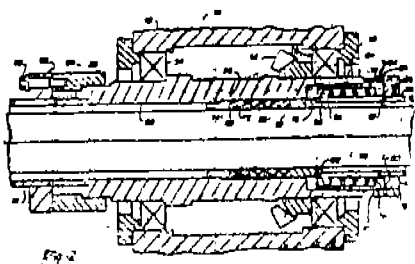
A hub assembly for a sootblower having a feed tube with a lance tube overfitting said feed tube, and a carriage coupled to said lance tube for causing said lance tube to move relative to said feed tube, wherein a sootblowing medium supplied to said feed tube flows into said lance tube and is ejected from one or more sootblowing nozzles carried by said lance tube for cleaning surfaces within a combustion device, comprising :

a hub encircling said feed tube,

packing within a stuffing box formed between said feed tube and said hub, and

packing loading means for applying a load on said packing including a first member for coupling to said hub, a second member for coupling to said packing and a compliant element acting upon said first and second members for exerting said load on said packing material and preload maintaining means for enabling said compliant element to be maintained in a preloaded state when said first member is decoupled from said hub and said second member is decoupled from said packing and being actuatable to transfer

said load onto said packing when said first member is coupled to said hub and said second member is coupled to said packing.



Compln. 17 Pages.

Drgns. 02 Sheets.

Cl. 40 C.

177219

Int. Cl.: C 08 F 8/06.

METHOD TO MANUFACTURE A POLYETHYLENE WAX FORMING AN EMULSION IN WATER.

Applicant : INSTYTUT CIEZKIEJ SYNTEZY ORGANICZNEJ "BLACHOWNIA" AN INSTITUTION ORGANISED UNDER THE LAWS OF POLAND OF 47-225 KEDZIERZYN-KOZLE, POLAND.

Inventors : (1) PROF. DOMINIK NOWAK (2) MRS MARIA SADLOWSKA (3) MR. LUDWIK KOSNO (4) EDYTA GOLY.

Application No. : 517/Cal/1992, file on 20-07-1992.

Appropriate office for opposition proceedings (Rule 4, Patent Rule 1972) Patent Office, Calcutta.

04 Claims

A method to manufacture a polyethylene wax forming an emulsion in water, by atmospheric oxidation at an elevated temperature, wherein 100 parts by weight of polyethylene wax is optionally admixed with 0-10 parts by weight of polyoxyethylene glycol, is then oxidised preliminarily with air to obtain a product with an acid value of 4-12 mg KOH/g, preferably 6-10 mg KOH/g, whereafter 100 parts by weight of the product is reacted with 1-12 parts by weight of a dicarboxylic acid such as herein described or a dicarboxylic acid anhydride such as herein described at a temperature in the range 110-150 C to obtain a product with an acid value of 14-30 mg KOH/g.

Compln. 07 Pages.

Drgns. : Nil.

Cl. 155A, (XXIII)

177220

Int. Cl.: B 05 C 3/132.

AN APPARATUS FOR THE APPLICATION OF PREFERABLY ADHESIVE COATED SLIPS OR PIECES OF TUBE TO A MOVING WEB OR TO WORKPIECES BEING CONVEYED.

Applicant: WINDMOLLER & HOLSCHER, OF MUNSTERSTRASSE 50 4340 Lengerich, GERMANY, A GERMAN COMPANY.

Inventors :

(1) FRITZ ACHELPOHL.

(2) HELMUT SIMON.

Application No. 670/CAL/1992; filed on 15-09-1992.

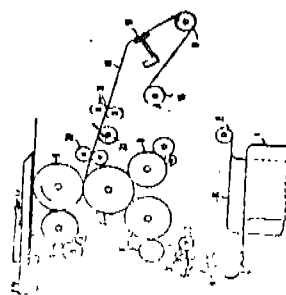
Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule 1972), Patent Office, Calcutta.

6 Claims

An apparatus for the application of preferably adhesive coated slips or pieces of tube to a moving web or to workpieces being conveyed, and preferably to the drawn up and still open bottoms of bags.

comprising pairs of feed rolls for a web of material and means for perforating and tearing off or means for detaching the slips or pieces of tube from the web of material and a transfer folding gripper cylinder for receiving and then transfer of the slips or pieces of tube,

Characterized by the arrangement between an applying folding gripper cylinder (9) for the application of the slips and/or the pieces of tube and the transfer folding cylinder (6) of an intermediate cylinder (7), which with the applying folding cylinder (9) defines a roll nip, into which slips or pieces of tube run which are torn off or otherwise detached along lines of perforations from a second web (10) of material, and which transfers the slips or pieces of tube which are torn off or otherwise detached from the first and the second web of material in an at least partly overlapping condition to the workpieces or, respectively, bottoms (12) passing through the device.



(Comp. 9 pages;

Drgns. 1 sheet)

Cl. : 107 E G

177221

150 A

Int. Cl. : F 01 N 3/02.

F 01 N 3/30.

F 01 N 7/08.

EXHAUST GAS PIPE.

Applicant : EMITEC GESELLSCHAFT FUR EMISSIONSTECHNOLOGIE MBH, OF HAUPTSTRASSE 150, 5204 LOHMAR 1, GERMANY.

Inventor : HEIMUT SWARS

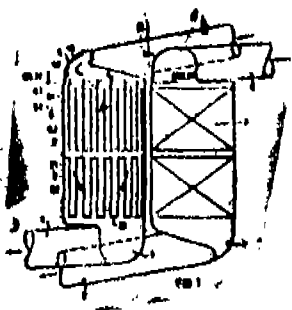
Application No. 1023/Cal/1990 filed on 11 December 1990.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule 1972), Patent Office, Calcutta.

43 Claims

Exhaust gas pipe in the form of a bent pipe, comprising a plurality of segments for eg. 3 segments (1, 2 & 3) forming at least one angular bend, the first segment (1) is connected by means of a first adaptor/connecting piece (4) to a second segment (2) having a diameter larger than the given diameter of the first segment (1) and directly downstream from the first adaptor/connecting piece (4), a second adaptor/connecting piece (5) disposed between the second and third segments (2 & 3) and a honeycomb body being disposed directly downstream of said first adaptor (4) and having sides with end surfaces facing towards the exhaust gas flow, characterised in that, the first adaptor/connecting piece (4) is formed so that the exhaust gas has to follow an approximately

helical/spiral course through the end face and that the curvature and incline of the helix and/or spiral is selected so that none, or only a very small amount of the exhaust gas already diverted meets the exhaust gas newly flowing into the first adaptor/connecting piece (4).



(Compl. 23 pages;

Drgns. 2 sheets)

Cl.: 116 (G)

177222

Int. Cl.¹: F 16 G 3/09.

A METHOD OF PRODUCING A CONNECTOR FOR JOINING THE ENDS OF A CONVEYOR BELT.

Applicant: GORO S.A., OF AVENUE DE SYLVIE, F-77 506 CHELLFS CEDEX, A FRENCH COMPANY.

Inventor: JEAN-FRANCOIS SCHICK.

Application No. 440/Cal/1991 filed on 11th June 1991.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule 1972), Patent Office, Calcutta.

3 Claims

A method of producing a connector for joining the ends of a conveyor belt, the connector being of the kind comprising a row of substantially U-shaped metal clips formed in their curved part with a row of regularly spaced-apart apertures which separate the hinge elements from one another, characterised in that the central part of a metal strip (2) is treated consecutively in the following metal deep drawing and pressing operations:

Contriving an aperture (7) of reduced cross-section in the centre of the place intended for each aperture (3) required to be present between two hinge elements (4);

Widening each such aperture (7) and punching out the edges to form a collar (11) which projects from a surface of the strip (2) and which extends around the corresponding aperture (3);

Bending the collar edges of each collar (11) round towards the corresponding surface of the metal strip (2) opposite the anvil (9), so that the edges of the apertures (3) are surrounded by two side-by-side metal strips (18) forming a reinforcing frame;

Bending the strip (2) round into a U shape by the surface towards which the collar edges have been bent round being so inwardly directed that the inside surface of each hinge element (4) is strengthened by the reinforcing frame formed by the two metal strips (18) which are disposed one beside another and which correspond to the bent-round contiguous sides of the two collars (11) previously formed at the place of the apertures (3) and extending around the particular hinge element (4) concerned.

(Compl. 13 pages;

Drgns. 2 sheets)

Cl.: 155 E

177223

Int. Cl.¹: C 08 G 63/18.
B 65 H 54/00.

A PROCESS FOR PRODUCING MELT SPUN THERMOPLASTIC POLYMER FILAMENTS.

Applicant: NORTH CAROLINA STATE UNIVERSITY, OF 103 HOLLADAY HALL, CAMPUS BOX 7003, RALEIGH, NORTH CAROLINA 27695-7003, UNITED STATES OF AMERICA.

Inventors:

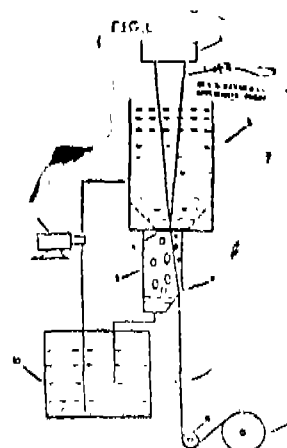
- (1) JOHN A. CUCULO.
- (2) PAUL A. TUCKER.
- (3) GAO-YUAN CHEN.
- (4) FERDINAND LUNDBERG.

Application No. 546/Cal/91 filed on 18th July 1991.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule 1972), Patent Office, Calcutta.

20 Claims

A process for producing melt spun thermoplastic polymer filaments comprising extruding molten fiber-forming thermoplastic polymer in the form of filaments, directing the filaments into a liquid bath, maintaining the liquid bath at a temperature at least 30°C above the glass transition temperature of the thermoplastic polymer to provide isothermal crystallization conditions for the filaments in the bath, and withdrawing the filaments from the bath at a speed of at least 3000 meters per minute to stress the filaments as they pass through the bath.



(Compl. 21 pages;

Drgns. 4 sheets)

Cl.: 99 H

177224

Int. Cl.¹: B 65 D-77/06.

CONTAINER FOR BULK MATERIALS, FLUIDS AND THE LIKE.

Applicant and Inventor: GERARDUS ANTHONIUS MARIA BOOTS, OF J. KRUYERSTRAAT 26, 1507 WH ZAANDAM, THE NETHERLANDS.

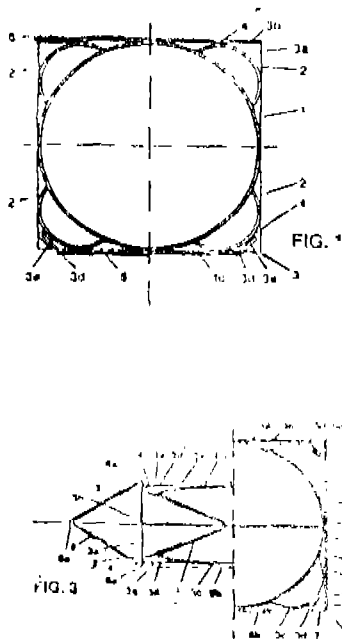
Application No. 844/Cal/1991 filed on 11th November 1991.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule 1972), Patent Office, Calcutta.

16 Claims

A container for bulk materials, fluids and the like, comprising an enveloping member and an inner member connected to the enveloping member at atleast four positions spaced along the circumference of the enveloping member, atleast

one of the members having a length equal to the height of the container to be formed and the other member having a length of at least 30% of the height referred to, the arrangement being such that in filled condition a substantially block-shaped unit with substantially flat walls is obtained, characterised by a U-shaped stiffening member which comprises a web and two legs connected to said web is made of a stiff material, such as cardboard and the like, arranged so that the legs abut two opposite walls of the block-shaped unit and the web abuts the wall connecting said two walls forming the bottom wall of the block-shaped unit, the legs, at least in the areas adjacent their free upper edge, having a width corresponding substantially to that of the adjacent wall of the block-shaped unit and said U-shaped stiffening member being connected to the enveloping member at least in the areas referred to.



(Compl. 22 pages;

Drgns. 3 sheets)

CL : 32 (F-1)

177225

Int. Cl.³ : C 07 C 19/08.

TERNARY FLUOROCARBON MIXTURES OF PENTA-FLUOROETHANE, DIFLUOROMETHANE AND TETRA-FLUOROETHANE.

Applicant : E.I. DU PONT DE NEMOURS AND COMPANY, OF THE STATE OF DELAWARE, UNITED STATES OF AMERICA, LOCATED AT WILMINGTON, DELAWARE, UNITED STATES OF AMERICA.

Inventors : DONALD BERNARD BIVENS AND MARK BRANDON SHIFLET, AKIMICHI YOKOZEKI.

Application No. 921/Cal/1991 filed on 11th December, 1991.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule 1972), Patent Office, Calcutta.

4 Claims

A ternary fluorocarbon composition comprising 5-90 weight percent pentafluoroethane, 5-90 weight percent difluoromethane and 5-90 weight percent of atleast one tetrafluoroethane.

(Compl. 14 pages;

Drgns. Nil)

CL : 172 C¹ & C² (xx)

177226

Int. Cl.³ : B 65 H 75/16.

D 01 G 27/03.

A PROCESS AND A DEVICE FOR THE PIECING OF A SLIVER.

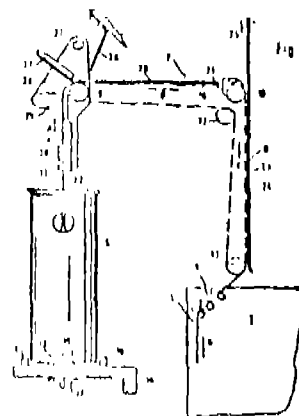
Applicant and Inventor : FRITZ STAHLCKER AND HANS STAHLCKER JOSEF-NEIDHART-STRASSE 18 HALDENSTRASSE 20, 7347 BAD UBERKINGEN, FRG 7334 SUSSEN, FRG, GERMAN.

Application No. 192/Cal. 1992 filed on 23rd March 1992.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule 1972), Patent Office, Calcutta.

7 Claims

A process for the piecing of a starting portion of a new sliver to an end portion of a sliver travelling into a spinning arrangement, the starting portion and the end portion of these slivers being connected with one another in an overlapping and supported manner, characterized in that the slivers in the overlapping area are placed on a transport belt and are loaded by means of a skid.



(Compl. 15 pages;

Drgns. 5 sheets)

CL : 172 C¹ & C² (x x).

177227

Int. Cl.³ : B 65 H, 75/16.

D 01 G, 27/00.

A SPINNING MACHINE.

Applicant :

(1) FRITZ STAHLCKER JOSEF-NEIDHART-STRASSE 18, 7347 BAD UBERKINGEN, FRG. GERMAN.

(2) HANS STAHLCKER HALDENSTRASSE 20 7334 SUSSEN, FRG GERMAN.

Inventor : GERD STAHLCKER.

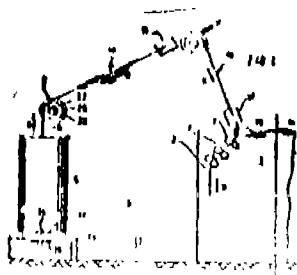
Application No. 193/Cal/1992 filed on 23 March, 1992.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule 1972), Patent Office, Calcutta.

6 Claims

A spinning machine (1) having a plurality of spinning stations (2) for the spinning of slivers (6) fed in cans (5) into yarns, having guiding devices for the guiding of the slivers (6) from the cans (5) to drafting units pertaining to the spinning stations and having protecting devices for protecting the slivers on their transport path, characterized in

that said protecting devices comprise false-twisting elements (17); (33) connected directly in front of the drafting units (3).



(Compl. 16 pages;

Drgns. 2 sheets)

Cl. : 132 A(2), 132 C.

177228

Int. Cl. : B 65 B 3/00, 3/10, 5/00.

A DISPOSABLE DEVICE FOR INSTANT MIXING OF DESIRED INGREDIENT(S) WITH DESIRED LIQUID.

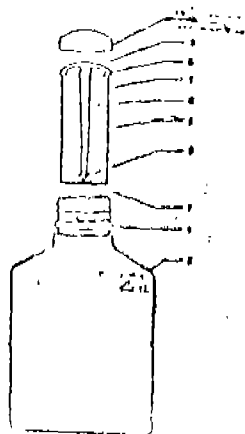
Applicant and Inventor : VISHNU KUMAR KHERIA, OF 5/3, CHETLA ROAD, CALCUTTA-700027.

Application No. : 296/Cal/1992 filed on 29th April, 1992.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule 1972) Patent Office, Calcutta.

8 Claims

A disposable device adapted to be snugly fitted onto the opening of a container for instant mixing of desired ingredient(s), contained in the device, with a desired liquid, contained in the container, as and when required, said device comprising an elongated housing having a flexible top portion, adapted to be snugly fitted and supported onto the opening of the container, the bottom end of the housing being provided with a breakable/piercable laminate in leak-proof manner, and the inside surface of the said flexible top having secured thereto at least one downwardly extending rod/shaft with a sharp point/edge at its bottom end, which is adapted to be disposed in close proximity to the upper surface of the said laminate, in unused state of the device, the said housing containing therewithin the ingredient(s), to be mixed with the liquid of the container, in easily soluble particulate form, or in liquid concentrate form, as required.



Compln. : 10 Pages.

Drgns. : 1 Sheet.

Cl. : 55 E 1, E 4

177229

Int. Cl. : A 61 K 31/045

A METHOD FOR THE PREPARATION OF AN AQUEOUS WOUND TREATMENT COMPOSITION.

Applicant : JOHNSON & JOHNSON MEDICAL, INC. OF 2500 ARBROOK BOULEVARD, ARLINGTON, TEXAS 76014, UNITED STATES OF AMERICA.

Inventor : CRAIG J. HARDY.

Application No. : 160/Cal/1994 filed on 15th March, 1994.

(Convention No. 9306039.0 filed on 23-03-1993).

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule 1972) Patent Office, Calcutta.

9 Claims

A method of preparing a wound treatment composition comprising the step of preparing a composition having 1 to 20% by weight of a pharmaceutically acceptable gel vehicle and from 15 to 50% by weight of hexylene glycol with water in an amount selected to achieve a desired viscosity of the gel, drying said composition by any known method.

Compln. : 17 Pages.

Drgns. : Nil.

Cl. : 40 B.

177230

Int. Cl. : B 01 J 23/54, 23/76.

A PROCESS FOR PREPARING A CATALYST FOR HYDROGENATION.

Applicant : ENGELHARD CORPORATION, 101 WOOD AVENUE, ISELIN, NEW JERSEY 08830 UNITED STATES OF AMERICA.

Inventor :

- (1) DEEPAK S. THAKUR.
- (2) EUGENE PALKA.
- (3) THOMAS J. SULLIVAN.
- (4) EUGENE NEBESHI.
- (5) BRIAN D. ROBERTS.

Application No. 190/Cal/1992 filed on 23rd March, 1992.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule, 1972), Patent Office, Calcutta.

30 Claims

A process for preparing a catalyst for hydrogenation comprising the oxides of metals selected from copper and zinc and atleast one additional metal such as herein described which comprises the steps of:

A. simultaneously adding to a first vessel (1) a first aqueous solution comprising a copper or zinc salt; and (2) a second aqueous solution comprising a soluble base, provided that either of the first or second solutions also contains a soluble salt of atleast one second metal; or (3) a third aqueous solution comprising a soluble salt of atleast one second metal is added simultaneously to the first vessel, whereby an aqueous slurry of an insoluble solid is formed in the first vessel, wherein said second metal is chromium, molybdenum, tungsten or vanadium;

B. advancing the aqueous slurry from the first vessel to a second vessel;

C. recovering the solids from the aqueous slurry in the second vessel; and

D. calcining the recovered solids;

wherein a water soluble salt of atleast one promoter metal such as herein described is optionally included in the first aqueous solution or in the third aqueous solution, if utilised, or is added simultaneously to the first vessel in step A as a fourth aqueous solution, provided that the promoter metal is not zinc if the first aqueous solution contains a zinc salt.

(Compl. 23 pages;

Drgns. Nil)

STEELSWORTH PVT. LTD.

No. 168545 OF 1987

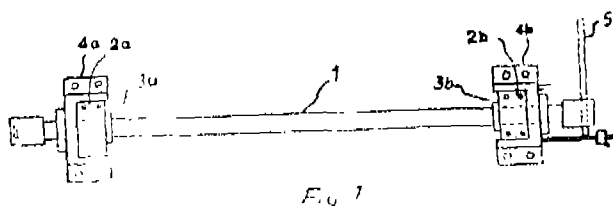


Fig. 1

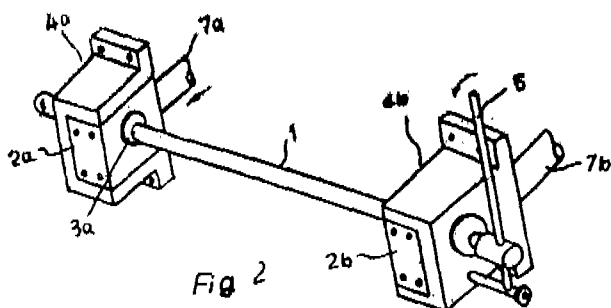


Fig. 2

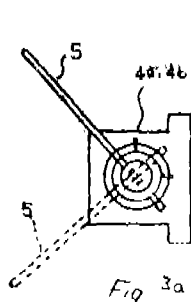


Fig. 3a

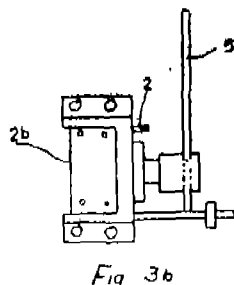


Fig. 3b

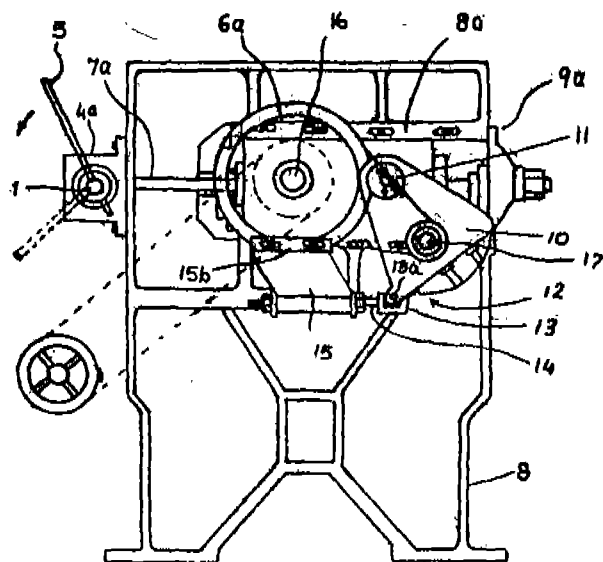


Figure 4

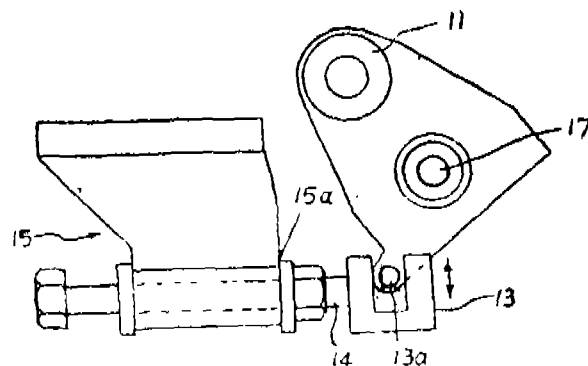


Fig. 5

M. K. CHAKRABARTI
of L. S. DAVAR & CO.
Applicant's Agent

OPPOSITION PROCEEDINGS U/S 25

As per order of the Joint Controller dated 7th June, 1996 following drawings (2 sheets) in respect of Patent Application No. 168545 have been amended:—

AMENDMENT PROCEEDINGS UNDER SECTION 57

Notice is hereby given that SCHUBERT & SALZER MASCHINENFABRIK AKTIENGESELLSCHAFT, Friedrich-Elbert-Strasse 84, 8070 Ingolstadt, GERMANY have made an application under section 57 of the Patents Act, 1970, for amendment of application and application of their application for patent No. 517/MAS/89 (174891) for "A METHOD AND DEVICE FOR PRODUCING THREAD IN AN OPEN END SPINNING MEANS."

The amendments are by way of correction. The application for amendment and the proposed amendments can be inspected free of charge at the Patent Office Branch, 61, Wallajah Road, Madras 600 002, or copies of the same can be had on payment of the usual copying charges. Any person interested in opposing the application for amendment may file a Notice of Opposition on prescribed Form-30 within 3 months from the date of Notification at the Patent office Branch, Madras-2. If the Written Statement of Opposition is not filed with the Notice of Opposition it shall be left within one month from the date of filing the said Notice.

Notice is hereby given that AUSMELT PTY. LTD. a company incorporated under the laws of the State of Victoria, Australia, of 304 High Street, Kew, Victoria 3101, AUSTRALIA HAVE MADE AN APPLICATION UNDER section 57 of the Patents Act, 1970, for amendment of application and specification of their application for Patent No. 671/MAS/90 (176773) for "A PROCESS FOR SMELTING A METALLURGICAL WASTE MATERIAL TO PRODUCE A SLAG PRODUCT."

The amendments are by way of correction. The application for amendment and the proposed amendments can be inspected free of charge at the Patent Office Branch, 61, Wallajah Road, Madras-600 002, or copies of the same can be had on payment of the usual copying charges. Any person interested in opposing the application for amendment may file a Notice of Opposition on prescribed Form-30 within 3 months from the date of Notification at the Patent office Branch, Madras-2. If the Written Statement of Opposition is not filed with the Notice of Opposition it shall be left within one month from the date of filing the said Notice.

CESSATION OF PATENTS

166354 166408 166487 166516 166547 166580 166587 166631
166634 166643 166657 166660 166685 166697 166703 166744
166745 166782 166836 166847 166854 166857 166868.

RENEWAL FEES PAID

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 159143 159250 159302 159762 160060 160282 160553 160582
 160715 161472 161834 161876 161748 161938 161984 162005
 162248 162455 162458 162575 163370 163488 163532 163845
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 175984 175988 175991 175994 175995 175996.

PATENT SEALED ON 08-11-96

168545 170948 176187* 176348*F 176352 176353 176355
 176356* 176395 176399*D 176414 176418 176423* 176424
 176425 176426* 176427 176429 176430 176431*D 176434*D
 176435*D 176441 176442 176443*.

CAL—06, DEL—17, BOM—02, MAS—NIL.

*Patent shall be deemed to be endorsed with the words
 LICENCE OF RIGHT Under Section 87 of the Patents Act,
 1970 from the date of expiration of three years from the date
 of sealing.

D—Drug Patents F—Food Patents

REGISTRATION OF DESIGNS

The following designs have been registered. They are not
 open to inspection for period of two years from the date
 of registration except as provided for in Section 50 of the
 Design Act, 1911.

The date shown in the each entries is the date of the
 registration included in the entries.

Class 3. Nos. 171016 & 171018, B P OIL International
 Limited, of Britannic House, 1 Finsbury Circus,
 London EC2M 7BA, England, "CONTAINER".
 2nd April 1996.

Class 3. Nos. 171137 & 171138, Watson Industrial Timers,
 of 3 Old Court House Corner, Calcutta 700001,
 West Bengal, India, an Indian proprietorship
 firm, "CLOCK", 22nd April 1996.

Class 3. No. 171290, Titan Industries Ltd., whose address is
 Golder Enclave, Tower A, Airport Road, Banga-
 lore 560017, Karnataka, India, "WATCH
 CASE" 8th May 1996.

Class 3. No. 171329, Peacock Industries Limited, an Indian
 Company of Kodiyat Road, P. B. No. 184,
 Udaipur 313001, Rajasthan, India, "TROLLEY"
 13th May 1996.

Class 3. No. 171236, Nokia Telecommunications OY, of
 Mäkkylä, P.O. Box 1, FIN-02000 Espoo, Fin-
 land, a Finnish Company, "A MOBILE COMMU-
 NICATION NETWORK", 1st May 1996.

Class 3. No. 171182, Indo Euro Industries Limited, an
 Indian company of 4, Community Centre, New
 Friends Colony, New Delhi 110065, India,
 "DISPENSER BOTTLE CAP WITH FLIP
 OPEN", 23rd April 1996.

Class 3. No. 171396, Motorola Inc., a corporation of the
 State of Delaware, of 1303 East Algonquin
 Road, Schaumburg, Illinois 60196, U.S.A.,
 "SELECTIVE CALL RECEIVER", 27th May
 1996.

Class 3. No. 171296, Philips Electronics N. V., a limited
 liability company organised and established under
 the laws of the Kingdom of the Netherlands at
 Groenewoudseweg 1, 5621 BA Eindhoven, The
 Netherlands, "TELEPHONE BASE", 9th May
 1996.

Class 3. No. 171005, LG Electronics Inc., a company orga-
 nised and existing under the laws of Republic of
 Korea, of LG Twin Towers, # 20 Yoido Dong,
 Yongsungpo-Gu, Seoul 150-721, Korea, P. O. Box
 Yoido P. O. Box 335, "COLOR T V" 28th
 March 1996.

Class 3. No. 171310, Velocity Golf Products Inc., a corpo-
 ration of the State of Georgia, U.S.A. of P.O.
 Box 801026, Acworth, Georgia 301101 U.S.A.,
 "VENTED GOLF TEE", 10th May 1996.

T. R. SUBRAMANIAN

Controller General of Patents, Designs & Trade Marks

प्रबन्धक, भारत सरकार मुद्रणालय, फरीदाबाद द्वारा मुद्रित

एवं प्रकाशन नियंत्रक, दिल्ली द्वारा प्रकाशित. 1996

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 AND PUBLISHED BY THE CONTROLLER OF PUBLICATIONS, DELHI, 1996

